



Attorney Docket No. 5649.1195

*JFW*  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Hwang et al.

Application No.: 10/695,553 Group Art Unit: 2818

Filed: October 28, 2003 Confirmation No.: 5476

For: *Phase Changeable Memory Devices and Methods of Forming the Same in Which an Upper Electrode Includes a Tip that Extends Toward a Lower Electrode*

Date: September 27, 2004

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Attached is a form PTO-1449, together with a copy of the identified document(s). A copy of each document is enclosed. It is requested that these references be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.97. This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(b), within three months of the filing date of the above-referenced application or before the mailing of a first Office Action on the merits, whichever event occurs last.

Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart application not more than three (3) months prior to the filing of this statement.

Accordingly, no fee is believed due. The Commissioner is hereby authorized to charge any deficiency or credit any overpayment to our Deposit Account No. 50-0220.

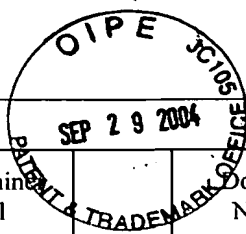
Respectfully submitted,

D. Scott Moore  
Registration No. 42,011

**Certificate of Mailing under 37 CFR 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 27, 2004.

  
Betty-Lou Rosser

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office <b>LIST OF DOCUMENTS CITED BY APPLICANT</b> (Use several sheets if necessary)				Attorney Docket Number 5649-1195		Serial No. 10/695,553	
				Applicants: Hwang et al.			
				Filing Date: October 28, 2003		Group: 2818	
<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	Translation Yes   No
	1.	KR2004-32955	04/17/2004	Korea	H01	27/10	Abstract from corresponding PCT publication No. WO 03/021693A2
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	2.	Korean Office Action corresponding to Korean patent application 2002-67351, dated August 25, 2004					

EXAMINER  
 \*EXAMINER

DATE CONSIDERED

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.